

Converting Colors

XYZ(55.0815, 54.3033, 57.8232)

Have a look what the booklet for
XYZ(55.0815, 54.3033, 57.8232)
contains.

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Color

**XYZ(55.2638, 54.3916,
58.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BDC1
RGB	213, 189, 193
RGB Percent	84%, 74%, 76%
CMY	0.1647, 0.2588, 0.2431
CMYK	0.00, 0.11, 0.09, 0.16
HSL	350°, 22%, 79%
HSV	350°, 11%, 84%
XYZ	55.2638, 54.3916, 58.0380
YIQ	196.6320, 13.0200, 6.3320

Conversions

Conversions Part 2

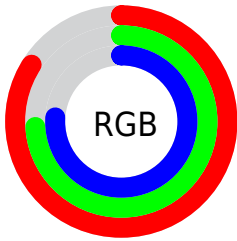
Format	Color
R _Y B	213, 189, 193
Decimal	14007745
CIE Lab	78.69, 9.18, 1.10
CIE LCh	79, 9.242, 6.813
Yxy	54.3916, 0.3296, 0.3244
Android (android.graphics.Color)	4292197825 (0xFFD5BDC1)
YUV	196.6320, -1.7906, 14.3547
Hunter-Lab	73.7507, 4.6923, 4.9673

Details

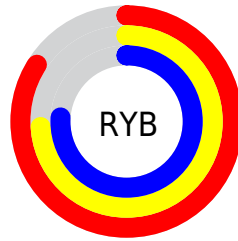
The XYZ color **55.2638, 54.3916, 58.0380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2912, 63.0121, 69.5204**, and the grayscale version is **52.8553, 55.6079, 60.5570**.

A 20% lighter version of the original color is **90.9913, 93.4044, 102.8556**, and **27.6383, 26.7709, 28.5215** is the 20% darker color. If you saturate the color by 10%, you get **49.1514, 45.1477, 46.8093**, and if you desaturate by 10%, it is **62.2899, 65.0812, 70.7455**.

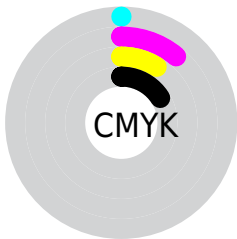
Distribution



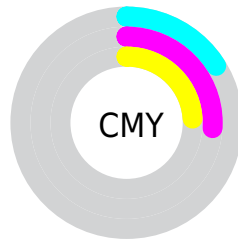
- Red (84%)
- Green (74%)
- Blue (76%)



- Red (84%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2638, 54.3916, 58.0380 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 55.2638, 54.3916, 58.0380 by changing the saturation by 10% instead.

■ 55.2638, 54.3916,
58.0380

■ 55.2638, 54.3916,
58.0380

397.0313,
403.6015, 434.9297

■ 39.8476, 38.9148,
41.4243

■ 97.0734, 96.6490,
103.4935

■ 27.6035, 26.6935,
28.3286

124.1976,
124.1984, 133.1724

■ 18.1659, 17.3431,
18.3323

155.9552,
156.5408, 168.0435

■ 11.1696, 10.4794,
11.0169

192.7115,
194.0606, 208.5252

■ 6.2491, 5.7180,
5.9639

234.8319,
237.1421, 255.0361

■ 3.0392, 2.6744,
2.7547

282.6818,

■ 1.1746, 0.9642,

286.1699, 307.9948

0.9708

336.6264,
341.5282, 367.8199

■ 0.0861, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2638, 54.3916,
58.0380

■ 55.2638, 54.3916,
58.0380

■ 49.1514, 45.1477,
46.8093

■ 62.2899, 65.0812,
70.7455

■ 43.9105, 37.2804,
37.0021

■ 70.2606, 77.2672,
84.9793

■ 39.5024, 30.7259,
28.5603

■ 79.2107, 91.0069,
100.7893

■ 35.8838, 25.4125,
21.4229

■ 81.2508, 92.8863,
108.2542

■ 33.0071, 21.2616,
15.5242

■ 30.8198, 18.1854,
10.7925

■ 29.2623, 16.0838,
7.1488

■ 28.2641, 14.8376,
4.5038

■ 27.7513, 14.2704,
2.9190

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.9936, 54.3916, 63.2724



55.2638, 54.3916, 58.0380



54.5606, 54.3916, 53.3984

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.2638, 54.3916, 58.0380



49.6216, 54.3916, 51.5301



50.3271, 54.3916, 68.9584

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.2638, 54.3916, 58.0380



56.2912, 63.0121, 69.5204

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.9365, 54.3916, 65.4569



55.2638, 54.3916, 58.0380



48.5360, 54.3916, 55.3506

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.2638, 54.3916, 58.0380



51.2821, 54.3916, 49.7869



48.2882, 54.3916, 60.4244



52.1153, 54.3916, 69.7823

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.2638, 54.3916, 58.0380



53.6439, 54.3916, 51.1981



48.2882, 54.3916, 60.4244



49.7989, 54.3916, 68.0459

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.2653, 54.3940, 58.0392



91.6482, 94.8119, 102.7855



56.5040, 54.7571, 70.5425



19.4266, 20.0043, 21.6582



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.2653, 54.3940, 58.0392



80.2740, 77.5294, 82.1436



56.5938, 57.7548, 56.3120



12.5068, 12.4542, 13.3430



16.9770, 8.7271, 1.9169



1.0506, 0.5370, 0.2556

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.2653, 54.3940, 58.0392



80.2740, 77.5294, 82.1436



54.8298, 59.2874, 71.5052



12.5068, 12.4542, 13.3430



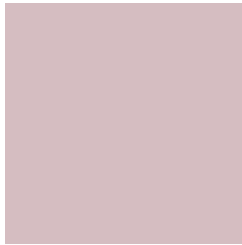
16.9770, 8.7271, 1.9169



1.0506, 0.5370, 0.2556

Previews

White Background



This preview shows how the XYZ color 55.2638, 54.3916, 58.0380 looks on a white background.

Color Contrast Check

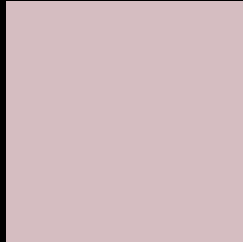
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.2638, 54.3916, 58.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

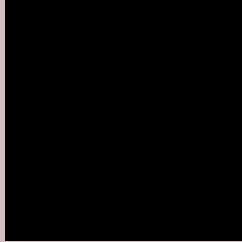
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2638, 54.3916, 58.0380

Background



This preview shows how black text looks on a background with the XYZ color 55.2638, 54.3916, 58.0380.



This preview shows how white text looks on a background with the XYZ color 55.2638, 54.3916,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.2638, 54.3916, 58.0380

Protanopia

52.5443, 54.5749, 59.9892

Deuteranopia

55.5548, 54.5416, 58.0516



Tritanopia

56.3754, 54.5268, 63.4305

Trichromacy



Original Color

55.2638, 54.3916, 58.0380

Protanomaly

53.3286, 54.3359, 59.3069

Deuteranomaly

55.5548, 54.5416, 58.0516

Tritanomaly

56.0236, 54.3861, 61.5776

Monochromacy



Original Color

55.2638, 54.3916, 58.0380

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8842, 55.2656, 60.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2638, 54.3916, 58.0380 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(213, 189, 193) looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.2638, 54.3916, 58.0380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 189, 193) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 189, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2638, 54.3916, 58.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
189, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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